

F8-KO(2)

Nomenclature	C57BL/6Smoc- <i>F8</i> ^{em3Smoc}
Cat. NO.	NM-KO-200608
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol F8	Synonyms	Cf8; Cf-8; FVIII
	NCBI ID	14069
	MGI ID	88383
	Ensembl ID	ENSMUSG00000031196
	Human Ortholog	F8

Model Description

F8-KO(2) mice (Stock No.NM-KO-200608) carry a knockout allele derived from the targeted deletion of exon 1-26. While F8-KO mice (Stock No.NM-KO-00012) carrying the exon 16-19 deletion.

Research Application: Hemophilia A;HEMA

*Literature published using this strain should indicate: F8-KO(2) mice (Cat. NO. NM-KO-200608) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

factor VIII deficiency	Phenotype(s)	MGI:2449544
	Reference(s)	Bi L, Lawler AM, Antonarakis SE, High KA, Gearhart JD, Kazazian HH Jr, Targeted disruption of the mouse factor VIII gene produces a model of haemophilia A [letter]. Nat Genet. 1995 May;10(1):119-21

Validation Data

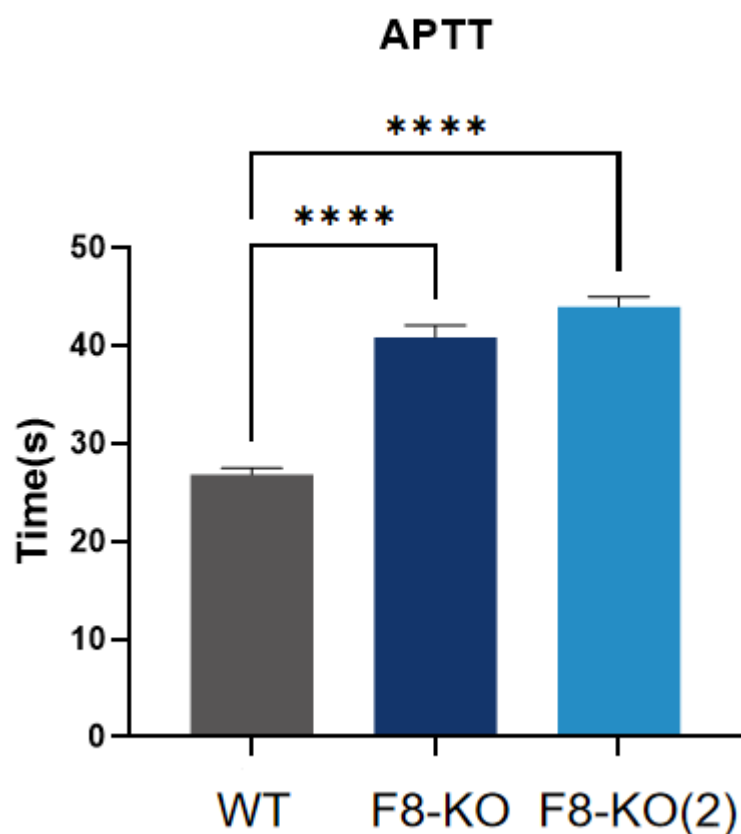


Fig1. Analysis of activated partial thromboplastin time (APTT) in the F8 knock-out mice. The coagulation time in F8-KO(2) (NM-KO-200608) was significantly longer than wild-type, and there was no obvious difference in coagulation time between F8-KO (NM-KO-00012) and F8-KO(2) (NM-KO-200608).